

Borough of Colwyn Bay



# ANNUAL REPORT

for the year

1954

of the

MEDICAL OFFICER OF HEALTH

**WILLIAM McKENDRICK**

and a report

which includes the

## ANNUAL REPORT

of the

SANITARY INSPECTOR

**T. A. AUSTWICK**

F.R.C.S.



## Health Committee

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COUNCILLOR I. LL. DAVIES (*Chairman*).

|                       |                         |
|-----------------------|-------------------------|
| ALDERMAN G. H. HUGHES | COUNCILLOR ELIAS HUGHES |
| „ F. H. A. Jones      | „ F. V. LEYLAND         |
| COUNCILLOR J. EDWARDS | „ G. RHODES             |
| „ W. H. HARRISON      | „ G. H. RYDEN           |
| „ E. WOODFINE         | „ T. L. RYDER           |

*Mayor of the Borough :*

COUNCILLOR EDWARD HUGHES, J.P.

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## Staff of the Health Department, 1954-55

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*Medical Officer of Health :*

WM. MCKENDRICK, M.D., D.P.H.

*Sanitary Inspector :*

WM. A. AUSTWICK, F.S.I.A., CERT. MEAT AND OTHER FOODS

*Additional Sanitary Inspector :*

MITCHELL PATTINSON, M.S.I.A., CERT. MEAT AND OTHER FOODS

*Senior Clerk :*

MRS. P. G. STORRS

*Clerks :*

MISS A. TOMLINSON

MISS M. HALLWORTH (from September/54)

*To the Chairman and Members,  
Colwyn Bay Health Committee.*

Mr. Chairman and Gentlemen,

I present herewith my annual report on the health of the residents in your area during 1954.

The Statistics show that 1954 was a healthy year. This may be surprising because the Meteorological Report shows that more rain fell in 1954 than in 1953 (36.56 in. compared with 22.03 in.) and that there was much less sunshine (1414 hours compared with 1688 in 1953). Perhaps we overstress sunshine as a health factor—rain at least lays the dust and washes germs out of the air. But we like sunshine!

I have included some extracts from the 1951 census report. It shows that we have twice as many pensioners as we have school children. It also gives some indication of the housing position. In 1951, 889 families shared dwellings—one-ninth of the total population. 2 per cent. of the families occupied single rooms. Yet there were on an average five rooms per private family and almost two rooms per inhabitant (7034 families, 20,649 persons, 35,168 rooms). Since 1951 some of the 889 families have been rehoused but not enough.

During 1954, two new housing estates were laid out and considerable progress has now been made—many of the houses are occupied. I feel that some lessons have been learned and that a note of warning should be sounded.

There is a great difference between planning a house for a private individual on a site chosen by him; and planning an estate of 50-100 houses for a local authority. The latter should not be left to one individual but should be the combined effort of all those who have specialised knowledge of public services. It is proper to point out that these houses are being built for the convenience and comfort of the inhabitants and that they should be as little burden on the general body of ratepayers as possible. A house is not likely to be convenient or comfortable that is 50—70 yards from the nearest carriageway. My attention has been drawn to the fact that to empty some dustbins, council employees

have to walk about 300 yards. The cost of this service on the ratepayers is therefore unreasonable. And, if these men are so incommoded, what about coalmen, milkmen and others especially on wet days—not to speak of the residents themselves?

I doubt if many of those in need of houses would really benefit from being transferred to a house costing over forty shillings a week. The Council would be wise to suspend all new housing until some method of building cheaper houses is found—fewer outside walks, less concrete paths, more houses per acre and better lay-outs might help.

One of the immediate problems in this area is the case of aged people. The Census shows that in 1951 there were 1708 people (521 men and 1187 women) over 75 years of age in the Borough. Many of these live alone and they do not all live comfortably. Many have no convenient relative to help them in time of need. Some are healthy and for some years at least, will be able to look after themselves; others need supervision. They are not ill enough to go to Hospital nor well enough to go to a "Home" for aged. Many resent the suggestion of moving. They have their own home and their "roots" are well established—to move them would be wrong.

We can provide a Home Help but that only secures hygienic living—the Home Help will tidy up the home and do what can be done in a few hours each day. The old person is left alone at night and is not given enough help during the frequently recurring "minor" upsets in health that are to be expected.

I am glad to say that the three branches of the National Health Service—General Practitioner service, Hospitals and Public Health—have shown a tendency to co-operate in this area during 1954. The Ambulance service is functioning much more efficiently, abuses are fewer, doctors and hospital staffs have begun to consult me regarding the home life of patients, and the resources of the Health Department are being tapped on their behalf. The resources of the hospitals and of the family doctors are also being more and more applied to preventive medicine.

I should point out that early in 1955 the Health Department removed from the Town Hall and is now housed in Woodland Road East. This change is not without disadvantages but the fact that we have now reasonable accommodation and can see callers in private, has proved a very great advantage. The Department is now busier than ever; I, personally, find that I am being sought out and my help asked much more freely. This is more than justification for the change.

I have to commend the work of the members of my staff—especially the Clerks whose work grows rapidly each year. New duties are always being added—and old duties still have to be carried out. Only by constant application and unduly long hours can they cope.

Lastly, I gladly acknowledge the friendly and understanding support I invariably receive from you, Mr. Chairman.

I am,

Yours sincerely,

WM. McKENDRICK,

*Medical Officer of Health.*

Health Department,

16 Woodland Road East,

Colwyn Bay.

12th August, 1955.

## Vital Statistics

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|                                                           |          |
|-----------------------------------------------------------|----------|
| Area of Borough (acres) .....                             | 7,124    |
| Registrar General's estimated population (mid 1954) ..... | 22,090   |
| Census, 1951 .....                                        | 22,276   |
| Number of inhabited houses .....                          | 7,881    |
| Sum represented by a penny rate .....                     | £940     |
| Rateable value as at 1/4/55 .....                         | £239,792 |

### *Live Births :*

|                                                | Male | Female | Total |
|------------------------------------------------|------|--------|-------|
| Total .....                                    | 94   | 97     | 191   |
| Legitimate .....                               | 92   | 88     | 180   |
| Illegitimate .....                             | 2    | 9      | 11    |
| Birth-rate per 1000 population (a) Crude ..... |      |        | 8.6   |
| (b) Corrected ....                             |      |        | 10.4  |

(Comparability factor for births : 1.21).

### *Still Births :*

|                                            |   |   |      |
|--------------------------------------------|---|---|------|
| Total .....                                | 4 | 1 | 5    |
| Legitimate .....                           | 4 | 1 | 5    |
| Illegitimate .....                         | 0 | 0 | 0    |
| Still-birth rate per 1000 population ..... |   |   | 0.23 |

### *Death of Infants :*

|                                             |   |   |      |
|---------------------------------------------|---|---|------|
| (a) Under 1 year of age ...                 | 4 | 0 | 4    |
| Legitimate .....                            | 2 | 0 | 2    |
| Illegitimate .....                          | 2 | 0 | 2    |
| Infant mortality rate per 1000 births ..... |   |   | 20.9 |
| (b) Under 4 weeks of age                    | 2 | 0 | 2    |
| Legitimate .....                            | 1 | 0 | 1    |
| Illegitimate .....                          | 1 | 0 | 1    |

|                                  |     |     |     |
|----------------------------------|-----|-----|-----|
| <i>Deaths for all ages</i> ..... | 175 | 211 | 386 |
|----------------------------------|-----|-----|-----|

|                                                |      |
|------------------------------------------------|------|
| Death rate per 1000 population (a) Crude ..... | 17.0 |
| (b) Corrected ..                               | 10.2 |

(Comparability factor for deaths : 0.60).

The Registrar-General has estimated that the population of Colwyn Bay has not varied during the last two years. The figure for 1954 is exactly that for 1953. Deaths exceeded births by 188. This is a very substantial deficit and must be made up by immigration.

The following table shows the statistics for the past six years and for purposes of comparison, the corresponding figures for England and Wales.

|                      | Colwyn Bay |       |       |       |       |       |
|----------------------|------------|-------|-------|-------|-------|-------|
|                      | 1949       | 1950  | 1951  | 1952  | 1953  | 1954  |
| Population .....     | 23290      | 22530 | 22340 | 22240 | 22090 | 22090 |
| Birth Rate:          |            |       |       |       |       |       |
| Crude .....          | 12.2       | 11.2  | 9.9   | 8.8   | 9.7   | 8.6   |
| Corrected ....       | —          | 12.3  | 10.9  | 9.6   | 10.6  | 10.4  |
| Infant Mortality     |            |       |       |       |       |       |
| Rate .....           | 42.0       | 26.7  | 31.0  | 25.5  | 41.8  | 20.9  |
| Still-Birth Rate ... | 0.47       | 0.26  | 0.17  | 0.27  | 0.4   | 0.23  |
| Death Rate:          |            |       |       |       |       |       |
| Crude .....          | 15.9       | 16.0  | 20.2  | 16.6  | 19.9  | 17.1  |
| Corrected ....       | 11.1       | 11.2  | 13.9  | 11.4  | 10.9  | 10.2  |

The 1951 Census figures have now been published and the following facts extracted from that report are of interest.

The population in 1931 was 20,823; in 1951 it was 22,276—an increase of 1,453 (of 7%). There were three females for every two males in the Borough.

The 1951 Census Report which has just been published gives very interesting statistics.

The age of the population was in 1951 distributed as follows :—

| Age last birthday. | Male | Female | Total |
|--------------------|------|--------|-------|
| 0— 4 .....         | 682  | 615    | 1297  |
| 5— 9 .....         | 607  | 568    | 1175  |
| 10—14 .....        | 588  | 603    | 1191  |
| 15—19 .....        | 439  | 616    | 1055  |
| 20—24 .....        | 641  | 629    | 1270  |
| 25—29 .....        | 483  | 648    | 1131  |
| 30—34 .....        | 488  | 643    | 1131  |
| 35—39 .....        | 614  | 785    | 1399  |
| 40—44 .....        | 699  | 982    | 1681  |
| 45—49 .....        | 734  | 1023   | 1757  |
| 50—54 .....        | 647  | 1003   | 1650  |
| 55—59 .....        | 537  | 993    | 1530  |
| 60—64 .....        | 552  | 1016   | 1568  |
| 65—69 .....        | 508  | 1009   | 1517  |
| 70—74 .....        | 468  | 935    | 1403  |
| 75—79 .....        | 311  | 650    | 961   |
| 80—84 .....        | 155  | 338    | 493   |
| 85—89 .....        | 44   | 138    | 182   |
| 90—94 .....        | 9    | 34     | 43    |
| 95 and over .....  | 2    | 7      | 9     |

This shows that there were 2366 school children and almost twice as many (4598) pensioners. This table is in striking contrast to that of England and Wales as a whole and of Denbighshire as a whole where the largest group is the 0—4 age group, and the older groups are progressively smaller after 40.

There were in 1951, 7034 households in the Borough. 1011 persons lived alone in a house; in 2390 cases there were two persons to a house. There were 150 one-roomed dwellings.

439 houses were occupied by six or more persons (most of these were 5-roomed houses). Over the whole town, there were almost two rooms per person. 889 households were sharing dwellings (1,995 people used 2,655 rooms). Put in another way, 6171 families had sole use of a dwelling; in 238 cases there were 2 families per separate dwelling and in 108 cases there 3 or more families in a single dwelling. In only 0.6% of houses could it be said that there was statutory overcrowding and 1.21% of the population were living at a density of more than 2 per room.

The following table shows the cause of death in 1954 :—

|                                          | 1953  | 1954 |        |       |
|------------------------------------------|-------|------|--------|-------|
|                                          | Total | Male | Female | Total |
| Tuberculosis of Lungs .....              | 5     | 3    | 1      | 4     |
| Tuberculosis (other) .....               | 0     | 0    | 0      | 0     |
| Syphilis .....                           | 1     | 0    | 1      | 1     |
| Other Infective Diseases .....           | 1     | 0    | 1      | 1     |
| Malignant Diseases :                     |       |      |        |       |
| Stomach .....                            | 4     | 6    | 4      | 10    |
| Lungs .....                              | 12    | 5    | 3      | 8     |
| Breast .....                             | 4     | 0    | 6      | 6     |
| Uterus .....                             | 2     | 0    | 2      | 2     |
| Other .....                              | 35    | 22   | 21     | 43    |
|                                          | — 57  | — 33 | — 36   | — 69  |
| Leukaemia .....                          | 1     | 0    | 1      | 1     |
| Diabetes .....                           | 4     | 1    | 3      | 4     |
| Vascular lesions of nervous system ..... | 71    | 23   | 37     | 60    |
| Coronary disease .....                   | 46    | 42   | 23     | 65    |
| Hypertension with Heart Disease .....    | 10    | 0    | 10     | 10    |
| Other heart disease .....                | 55    | 18   | 41     | 59    |
| Other circulatory disease .....          | 21    | 12   | 10     | 22    |
| Influenza .....                          | 3     | 0    | 3      | 3     |
| Pneumonia .....                          | 7     | 9    | 6      | 15    |
| Bronchitis .....                         | 6     | 6    | 7      | 13    |
| Other respiratory disease .....          | 4     | 1    | 3      | 4     |
| Ulcer of stomach .....                   | 3     | 3    | 2      | 5     |
| Gastritis, etc. ....                     | 2     | 0    | 0      | 0     |

|                                  | 1953  | 1954 |        |       |
|----------------------------------|-------|------|--------|-------|
|                                  | Total | Male | Female | Total |
| Nephritis .....                  | 4     | 1    | 3      | 4     |
| Prostatic disease .....          | 4     | 3    | 0      | 3     |
| Pregnancy .....                  | 0     | 0    | 0      | 0     |
| Congenital Malformations ...     | 2     | 0    | 0      | 0     |
| Other ill-defined diseases ..... | 34    | 7    | 13     | 20    |
| Motor vehicle accidents .....    | 2     | 3    | 2      | 5     |
| All other accidents .....        | 8     | 8    | 5      | 13    |
| Suicide .....                    | 1     | 2    | 3      | 5     |
| Total (all causes) .....         | 352   | 175  | 211    | 386   |

This list shows a considerable increase in the incidence of cancer and of coronary disease as well as in deaths due to violence. These causes of death constitute the major challenge to preventive medicine. Cancer is slowly and reluctantly yielding up its secrets and we can hope in time to conquer it; Coronary disease is not yet understood well enough for any serious effort at prevention to be undertaken. "Violence" is a somewhat mixed bag containing for us in Colwyn Bay the startling number of 5 suicides, 5 accidents due to motor vehicles and 13 due to other accidents. Here is a field in which prevention should be possible. Especially should attention be given to accidents in the home—due to falls, poisoning, burns and scalds, etc. The first need is to find the cause of the accidents, and then to see that these causes are known and avoided. Some years ago, I suggested such an enquiry in this area but the attitude of the Hospital Authorities was discouraging. I am glad that interest in the subject is growing.

A sharp increase in the incidence of acute pulmonary disease (bronchitis and pneumonia) no doubt was associated with the poor summer and severe winter.

These figures, however, only show the deaths. They do not give any indication of the amount of sickness that occurred in the Borough. In 1954, 93,505 prescriptions for medicine under the National Health Service Act, were issued by doctors in Colwyn Bay. The cost of this medicine was £22,169. In Old Colwyn there were 53,078 prescriptions which cost £9,420 and in Rhos-on-Sea there were 28,947 prescriptions costing £6,843. In all, there were 175,530

prescriptions costing £38,430 for 22,090 people. This does not represent even a small part of the service or of the cost of what politicians are pleased to call a "Health Service." It is not wise to pursue the subject further—the only satisfactory feature is that much of it is unnecessary.

The ages at which death occurred were :—

|               | Male | Female | Total |
|---------------|------|--------|-------|
| 0— 1 .....    | 4    | 0      | 4     |
| 1— 4 .....    | 0    | 0      | 0     |
| 5— 9 .....    | 0    | 0      | 0     |
| 10—14 .....   | 1    | 0      | 1     |
| 15—19 .....   | 0    | 0      | 0     |
| 20—24 .....   | 0    | 1      | 1     |
| 25—34 .....   | 2    | 3      | 5     |
| 35—54 .....   | 18   | 11     | 29    |
| 55—64 .....   | 30   | 21     | 51    |
| Over 65 ..... | 120  | 175    | 295   |
| Totals .....  | 175  | 211    | 386   |

## General Provision of Health Services in the Area

### 1. *Laboratory Provisions.*

#### (a) *Bacteriological :*

The following specimens were examined and reported on by Dr. Kingsley Smith of the Public Health Laboratory, Bryn Hyfryd, Conway :—

| Colwyn Bay Borough    | Waters | Milks | Ice Creams | Swabs | Faeces | Urine | Sputum | C.S.F. | Misc. |
|-----------------------|--------|-------|------------|-------|--------|-------|--------|--------|-------|
| Health Department.    | 51     | 25    | 212        | 2     | 17     | —     | —      | —      | —     |
| C. Bay Hospital ...   | —      | —     | —          | —     | —      | —     | —      | —      | —     |
| Isolation Hospital .. | —      | —     | —          | 24    | 30     | —     | —      | 6      | 1     |
| Maternity Home ...    | —      | —     | —          | —     | —      | —     | —      | —      | —     |
| Penrhos College ...   | —      | —     | —          | 44    | 2      | —     | —      | —      | 4     |
| Rydal School .....    | 3      | 1     | —          | 215   | 7      | —     | —      | —      | 4     |
| Medical Practitioners | —      | —     | —          | 4     | —      | —     | —      | —      | —     |

The prompt receipt of reports is a feature of this service. Preliminary reports are on occasion received within one hour of delivery to the Laboratory. The work of this Laboratory and the unfailing effort to help in preventive medicine by Dr. Kingsley Smith and his staff, calls for comment.

(b) *Pathological and Biochemical.*

The pathological services of the Regional Hospital Board are linked with the hospitals. Specimens are received at the West Denbighshire Hospital. This service is, on the main, concerned with diagnosis and treatment and does not have much contact with the preventive service.

(c) *Water.*

(i) *Chemical Tests.*

Analysis of water for chemical content is carried through at the Assay Office, Chester, by the Public Analyst.

The following is the most recent analysis. It indicates that the water collected at Lake Cowlyd is satisfactory :—

*Chemical Analysis.*

Tap on rising main Water Department, Town Hall,  
Colwyn Bay.

|                                                               |       |
|---------------------------------------------------------------|-------|
| Total solid matter in solution .....                          | 80.00 |
| Nitrogen in Nitrates .....                                    | 0.25  |
| Nitrites .....                                                | Nil   |
| Chlorine in Chlorides .....                                   | 8.00  |
| Oxygen absorbed from Permanganate in 4 hrs. at<br>80° F. .... | 1.83  |
| Free and Saline Ammonia .....                                 | 0.04  |
| Albuminoid Ammonia .....                                      | 0.04  |
| Lead, Copper, zinc .....                                      | Nil   |
| Microscopical examination of the sediment .....               | Nil   |
| Temporary hardness .....                                      | 25.00 |
| Permanent hardness .....                                      | 15.00 |
| pH. value .....                                               | 6.40  |
| Free Chlorine .....                                           | 0.02  |

The above chemical analysis is satisfactory.

(ii) *Bacteriological Tests.*

Water is tested at frequent intervals for bacteriological purity at the Public Health Laboratory. The samples are taken from private houses or shops in different parts of the Borough. In this way contamination of the water by leaky pipes, etc., is detected.

During 1954, 52 samples were submitted. All were found to be satisfactory.

(d) *Milk.*

Milk samples are taken by the Colwyn Bay Sanitary Inspectors, from all producers delivering milk into Colwyn Bay. Samples are also taken after treatment from the various Dairies. The raw samples are tested at the Laboratory of the Conway Valley Creameries. Those taken after treatment are examined at the Public Health Laboratory, Conway.

A summary of the findings will be found later in this report.

*Ambulance Facilities.*

Since my last report, a County Ambulance has been provided for this area. It is manned by a full-time driver by day. He is able to deal with many of the out-patients who need transport to and from hospital. He is assisted when patients need carrying, by members of the Abergele or Colwyn Bay Ambulance Corps. This ambulance is manned at night and at week-ends by the Abergele Voluntary Ambulance Corps. I have great pleasure in acknowledging the work of this body of men who banded themselves together in 1954 to serve Abergele area, but who also serve Colwyn Bay—supplementing the service of the Colwyn Bay Voluntary Ambulance Corps (which reciprocates by helping in the Abergele area).

The Colwyn Bay Corps continues to perform its notable service and provides by far the major part of the transport of sick and injured in Colwyn Bay. The Corps maintains its strength—during the year eight young men joined and have now undergone training. The following is a statement of the service provided during the past seven years :—

*Colwyn Bay Voluntary Ambulance Corps Reports :*

|                                                  | 1948  | 1949  | 1950  | 1951  | 1952  | 1953  | 1954  |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Accidents .....                                  | 72    | 40    | 63    | 91    | 84    | 90    | 101   |
| Admissions to and discharges from Hospital ..... | 193   | 303   | 426   | 687   | 712   | 1177  | 1113  |
| Admissions to Nursing Homes .....                | 91    | 90    | 106   | 120   | 88    | 91    | 82    |
| House to house transport .....                   | 99    | 54    | 32    | 42    | 30    | 11    | 28    |
| Out of district transport .....                  | 127   | 125   | 85    | 84    | 81    | 68    | 221   |
| Total Mileage .....                              | 23033 | 18506 | 15007 | 19101 | 19787 | 20247 | 20211 |
| Ambulance case hours .....                       | 1174  | 1331  | 1443  | 1488  | 1452  | 1606  | 1518  |
| Personnel hours ....                             | 4698  | 5324  | 4326  | 5952  | 4387  | 7313  | 8172  |
| Total cases .....                                | 581   | 614   | 711   | 850   | 911   | 1337  | 1452  |

The number of calls for transport continues to increase. There were 4151 requests for transport in 1953 and 4997 in 1954. This is in spite of careful scrutiny of claims. I find it disappointing to record that there are still many occasions when transport is demanded improperly by patients and that some doctors succumb to the improper blackmail of such patients by sending certificates of need. The nett result of such improper use of transport is that many who do deserve every consideration, have, at times, to wait for a vehicle—as well as wait for treatment. Too often, I find that people whose needs are doubtful, expect an ambulance to be waiting their every convenience and are voluble in their complaints at being kept waiting. They should remember that their complaints are subjected to investigation. The investigation is apt to be thorough—from their point of view this may be unfortunate.

*First Aid.*

While the transport of patients is the task of the Voluntary Ambulance Corps, that of rendering first aid to the injured on the promenade, at sporting gatherings, shows, cinemas, etc., wherever people gather, is undertaken by the Colwyn Bay Division of the Venerable Order of St. John. The following statement has been given me by the Superintendent :—

|                                      |      |
|--------------------------------------|------|
| Strength of Ambulance Division ..... | 20   |
| „ Cadet (F) Division .....           | 24   |
| „ Cadet (M) Division .....           | 18   |
| „ Nursing Division .....             | 10   |
| Number of duty hours .....           | 1566 |
| „ cases treated .....                | 146  |
| „ cases to Hospital .....            | 3    |
| „ cases by Voluntary Ambulance ..... | 1    |

The majority of cases were the cuts and abrasions caused by barnacles, etc., on the beach. There was no evidence of broken glass on the foreshore last summer during the period of duty on the Promenade.

Events covered by the Division included: Sports, Meetings, Cricket and Football matches, Cinemas, etc.

### *Clinics.*

Clinics are held as follows:—

(a) *At Colwyn Bay Clinic, Nant-y-Glyn Road.*

Monday :

(1) Family Planning.

This is provided by a voluntary Committee but meets in the Clinic premises and co-ordinates its work with the other work of the Health Department.

Tuesday :

(2) Child Welfare Centre—at 10 a.m. and 2 p.m.

Wednesday :

(3) Toddlers' Clinic at 2 p.m.—by appointment made at the Tuesday Clinic or through the Health Visitor.

(4) Ear, Nose and Throat Clinic for school children—by appointment.

(5) Ophthalmic Clinic for school children—by appointment.

Thursday :

- (6) Orthopaedic Clinic at 10 a.m. — alternate weeks.
- (7) Obstetrical (Consultative) Clinic—every 4th Thursday — by appointment. This Clinic is organised by the Denbigh County Council.

Friday :

Ante-Natal Clinic at 2 p.m.

A meeting of mothers of pre-school children is held in the Clinic every Monday evening during the winter months when talks, lessons and demonstrations on subjects of particular interest to mothers are given.

(b) *At Llysfaen Church House.*

Mondays :

Child Welfare Centre at 2.30 p.m. on alternate weeks.

(c) *At Mochdre Church House.*

Mondays :

Child Welfare Centre at 2.30 p.m.—alternate with the Llysfaen Clinic.

There is no Day Nursery in the area.

*Water Supply :*

There is no change to record in the water supply of the town during 1954.

The water has been ample in supply and in pressure. Purity has always been maintained at a high standard.

Bacterial tests were made as follows :—

|                         |    |
|-------------------------|----|
| Town Mains .....        | 32 |
| Wells and Streams ..... | 4  |

Mr. R. Halley Owen, Engineer to the Conway and Colwyn Bay Joint Water Supply Board has given me the following statement :—

## Rainfall

| Month           | Inches       | No. of days<br>with<br>0.01 inches<br>or more |
|-----------------|--------------|-----------------------------------------------|
| January .....   | 9.62 .....   | 19                                            |
| February .....  | 7.14 .....   | 17                                            |
| March .....     | 7.08 .....   | 11                                            |
| April .....     | 2.27 .....   | 7                                             |
| May .....       | 7.57 .....   | 15                                            |
| June .....      | 6.03 .....   | 15                                            |
| July .....      | 8.82 .....   | 18                                            |
| August .....    | 8.08 .....   | 22                                            |
| September ..... | 12.08 .....  | 26                                            |
| October .....   | 22.63 .....  | 27                                            |
| November .....  | 17.07 .....  | 21                                            |
| December .....  | 10.02 .....  | 19                                            |
| Totals .....    | 118.41 ..... | 217                                           |

## Consumption of Water

|                 |             |         |
|-----------------|-------------|---------|
| January .....   | 36,989,200  | gallons |
| February .....  | 37,648,800  | "       |
| March .....     | 40,114,000  | "       |
| April .....     | 37,608,000  | "       |
| May .....       | 37,968,800  | "       |
| June .....      | 39,390,000  | "       |
| July .....      | 42,674,600  | "       |
| August .....    | 43,313,200  | "       |
| September ..... | 38,424,000  | "       |
| October .....   | 37,014,000  | "       |
| November .....  | 36,156,000  | "       |
| December .....  | 36,766,000  | "       |
| Totals .....    | 464,066,600 | gallons |

## Food and Drugs

Mr. T. H. Evans, Chief Inspector under the Food and Drugs Act to the Denbighshire County Council, has given me the following statement:—

Particulars of samples taken under the Food and Drugs Act in the Borough of Colwyn Bay during the year ended 31st December, 1954.

| Article                     | No.<br>Taken | Genuine | Not<br>Genuine<br>or Sub-<br>standard |
|-----------------------------|--------------|---------|---------------------------------------|
| Milk .....                  | 42           | 40      | 2                                     |
| Butter .....                | 2            | 2       | —                                     |
| Cooking Fat .....           | 1            | 1       | —                                     |
| Beef Suet .....             | 1            | 1       | —                                     |
| Sausage .....               | 1            | —       | 1                                     |
| Condensed Milk .....        | 2            | 2       | —                                     |
| Ice Cream .....             | 6            | 6       | —                                     |
| Jam .....                   | 2            | 2       | —                                     |
| Sweets .....                | 1            | 1       | —                                     |
| Fresh Cream .....           | 2            | 2       | —                                     |
| Tinned Peas .....           | 1            | 1       | —                                     |
| Tinned Tomatoes .....       | 1            | 1       | —                                     |
| Tea .....                   | 1            | 1       | —                                     |
| Orange Squash .....         | 1            | 1       | —                                     |
| Beer .....                  | 1            | 1       | —                                     |
| Whiskey .....               | 1            | 1       | —                                     |
| Sweet Spirit of Nitre ..... | 1            | 1       | —                                     |
| Totals .....                | 67           | 64      | 3                                     |

As will be observed from the above Table, two samples of milk were certified to be "Not Genuine." Both of these samples were of bottled pasteurised milk and there was a trace of extraneous water in each but the percentage was too small to take any action other than cautioning the vendors.

An informal sample of sausages contained a small percentage of a permissible preservative but the requisite Statutory Notice was not displayed at the time of sale. As first offenders in this respect, the vendors were cautioned.

All other samples were certified by the Public Analyst to be genuine and free from all prohibited preservatives and colouring matter.

(Signed) THOS. H. EVANS,

*Chief Inspector,  
County of Denbigh.*

17 Vicarage Hill,  
Wrexham.  
22nd April, 1955.

I am glad to say that the relationship between the Food and Drugs Department and the Health Department has been made closer by the fact that in Colwyn Bay, these two depart-

ments are now housed under one roof. Frequent informal meetings between Mr. Lewis (who is Mr. Evans' representative in Colwyn Bay) and my staff lead to mutual understanding, and, I hope, mutual help.

### Infectious Diseases

The following table shows the incidence of and deaths from infectious diseases during 1954 :—

| Number of Cases<br>Notified at ages. |             |              |               |                |                 |                 |                 | Number of Deaths<br>at ages—Years. |                |               |                |                 |                 |                 |       |                |
|--------------------------------------|-------------|--------------|---------------|----------------|-----------------|-----------------|-----------------|------------------------------------|----------------|---------------|----------------|-----------------|-----------------|-----------------|-------|----------------|
| Notifiable<br>Diseases               | Years       |              |               |                |                 |                 |                 | Under 1 year                       | Years          |               |                |                 |                 |                 | Total |                |
|                                      | At all ages | Under 1 year | 1 and under 5 | 5 and under 15 | 15 and under 25 | 25 and under 45 | 45 and under 65 |                                    | 65 and upwards | 1 and under 5 | 5 and under 15 | 15 and under 25 | 25 and under 45 | 45 and under 65 |       | 65 and upwards |
| Diphtheria .....                     | ...         | ...          | ...           | ...            | ...             | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Erysipelas .....                     | 3           | ...          | ...           | ...            | ...             | 1               | 1               | 1                                  | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Scarlet Fever .....                  | 2           | ...          | ...           | 1              | ...             | 1               | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Enteric .....                        | ...         | ...          | ...           | ...            | ...             | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Cerebral Spinal<br>Meningitis .....  | ...         | ...          | ...           | ...            | ...             | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Pulmonary T.B. ....                  | 35          | ...          | 2             | 2              | 10              | 9               | 6               | 6                                  | ...            | ...           | ...            | ...             | 2               | 2               | 1     | 5              |
| Other forms of T.B. ....             | 1           | ...          | ...           | ...            | 1               | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Pneumonia .....                      | 5           | ...          | 1             | ...            | ...             | 2               | 2               | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Measles .....                        | 6           | ...          | 6             | ...            | ...             | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Poliomyelitis .....                  | ...         | ...          | ...           | ...            | ...             | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Dysentery .....                      | 1           | ...          | ...           | ...            | ...             | ...             | ...             | 1                                  | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Encephalitis .....                   | ...         | ...          | ...           | ...            | ...             | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Ophthal. Neonatorum ..               | ...         | ...          | ...           | ...            | ...             | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Whooping Cough .....                 | 13          | 2            | 6             | 5              | ...             | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Puerperal Pyrexia ....               | 2           | ...          | ...           | ...            | 2               | ...             | ...             | ...                                | ...            | ...           | ...            | ...             | ...             | ...             | ...   | ...            |
| Total .....                          | 68          | 2            | 15            | 8              | 13              | 13              | 9               | 8                                  | ...            | ...           | ...            | ...             | 2               | 2               | 1     | 5              |

The continued absence of diphtheria and the slight incidence of whooping cough is again evident. Special efforts to secure that all infants under one year be immunised have been made. Few parents now refuse to have their children protected—those who do refuse are usually the least intelligent members of the community—judged by general standards.

There were no cases of poliomyelitis confirmed amongst residents in 1954. This is pleasing.

Food poisoning has been slight. I do not doubt but that many cases of minor upset were due to contaminated food

but these cases were isolated and did not come to my knowledge in time for specific enquiries. Most cases were so mild that no medical treatment was sought. But the fact that they occur, is noted and constant efforts to maintain a high standard of cleanliness in food stores and kitchens.

### *Tuberculosis.*

It has not been necessary to take action against any person employed in the Milk Trade because he was suffering from Tuberculosis (Public Health (Prevention of Tuberculosis) Regulations, 1925) or to forcibly remove any person to a Sanatorium (Public Health Act (Section 172)).

It is noteworthy that whereas the deaths from tuberculosis are fewer, the number of notifications does not fall.

|      |       | Deaths    |           | Notifications |           |
|------|-------|-----------|-----------|---------------|-----------|
|      |       |           | Non-      |               | Non-      |
|      |       | Pulmonary | Pulmonary | Pulmonary     | Pulmonary |
| 1939 | ..... | 8         | 0         | 25            | 4         |
| 1945 | ..... | 12        | 1         | 25            | 1         |
| 1946 | ..... | 12        | 0         | 33            | 4         |
| 1947 | ..... | 12        | 2         | 16            | 5         |
| 1948 | ..... | 6         | 0         | 21            | 6         |
| 1949 | ..... | 8         | 1         | 20            | 5         |
| 1950 | ..... | 2         | 1         | 27            | 1         |
| 1951 | ..... | 3         | 0         | 15            | 1         |
| 1952 | ..... | 4         | 1         | 21            | 5         |
| 1953 | ..... | 5         | 0         | 22            | 5         |
| 1954 | ..... | 4         | 0         | 35            | 1         |

Thus there were 50 deaths due to Pulmonary Tuberculosis during the five years 1945-1950—ten each year; and 18 in the 5 years 1950-55 or just over 3 each year.

It would seem that cure is more effective than prevention. Early cases are taken into sanatorium for treatment—even when not infectious. Advanced cases who are infectious, are often refused admission to sanatorium (on the ground that treatment is not likely to be beneficial). This is a policy that will keep up the supply of patients for sanatoria.

The following table gives the state of the Tuberculosis Register at the beginning and end of the year.

|                      | Pulmonary — |    |       | -Non-Pulmonary- |    |       |
|----------------------|-------------|----|-------|-----------------|----|-------|
|                      | M.          | F. | Total | M.              | F. | Total |
| On Register 1/1/54 . | 55          | 37 | 92    | 11              | 6  | 17    |
| On Register 31/12/54 | 60          | 47 | 107   | 10              | 5  | 15    |

The Chest Physician, Dr. Morrison, has given me the following statement of attendances at Clinics by patients from this area :—

|                                                  |    |
|--------------------------------------------------|----|
| New contacts examined .....                      | 57 |
| New patients examined (excluding contacts) ..... | 88 |
| New notified cases :                             |    |

|                     | M.    | W. | C. |
|---------------------|-------|----|----|
| Pulmonary .....     | 8     | 14 | 3  |
| Non-Pulmonary ..... | 0     | 0  | 0  |
|                     | <hr/> |    |    |
|                     |       |    | 25 |

|                                                                             |     |
|-----------------------------------------------------------------------------|-----|
| Names taken off Register :                                                  | ... |
| Died .....                                                                  | 7   |
| Left area .....                                                             | 19  |
| Recovered .....                                                             | 2   |
| Lost sight of .....                                                         | 0   |
| Total attendances at the Colwyn Bay Clinic since 5/2/54 (22 Sessions) ..... | 723 |
| No. of B.C.G. vaccinations done at the Colwyn Bay Clinic .....              | 20  |

The following table shows the incidence of Tuberculosis in 1953 :—

| Age Periods    | —New Cases— |    |               |    | —Deaths—  |    |               |    |
|----------------|-------------|----|---------------|----|-----------|----|---------------|----|
|                | Pulmonary   |    | Non-Pulmonary |    | Pulmonary |    | Non-Pulmonary |    |
|                | M.          | F. | M.            | F. | M.        | F. | M.            | F. |
| 0—1 .....      | —           | —  | —             | —  | —         | —  | —             | —  |
| 1—4 .....      | 1           | 1  | —             | —  | —         | —  | —             | —  |
| 5—9 .....      | 1           | —  | —             | —  | —         | —  | —             | —  |
| 10—14 .....    | —           | 1  | —             | —  | —         | —  | —             | —  |
| 15—19 .....    | 1           | 2  | —             | 1  | —         | —  | —             | —  |
| 20—24 .....    | 2           | 4  | —             | —  | —         | —  | —             | —  |
| 25—34 .....    | 2           | 5  | —             | —  | —         | 1  | —             | —  |
| 35—44 .....    | 1           | 2  | —             | —  | 1         | —  | —             | —  |
| 45—54 .....    | —           | 1  | —             | —  | 2         | —  | —             | —  |
| 55—64 .....    | 4           | —  | —             | —  | —         | —  | —             | —  |
| 65 and upwards | 4           | 3  | —             | —  | —         | 1  | —             | —  |
| Totals ...     | 16          | 19 | —             | 1  | 3         | 2  | —             | —  |

## Sanitary Circumstances in the Borough

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The following report has been given me by the Senior Sanitary Inspector, Mr. W. A. Austwick, on work carried out for the year ending December, 1954.

### General Summary

|                                                                                          |     |
|------------------------------------------------------------------------------------------|-----|
| Complaints received and attended to .....                                                | 206 |
| No. of Nuisances found .....                                                             | 505 |
| "  " Houses which were inspected for nuisances ...                                       | 431 |
| "  " Nuisances abated .....                                                              | 503 |
| "  " Nuisances not abated but work in hand .....                                         | 15  |
| "  " Drains and Fittings tested with colour, smell or<br>smoke .....                     | 143 |
| "  " Revisits to Nuisances, work in progress, etc. ...                                   | 979 |
| "  " Preliminary Notices served for Nuisances .....                                      | 815 |
| "  " Formal Notices and Order served for Nuisances                                       | 7   |
| "  " Visits to Factories with mechanical power ...                                       | 150 |
| "  " Visits to Factories without mechanical power                                        | 24  |
| "  " Visits to Schools .....                                                             | 27  |
| "  " Miscellaneous Visits .....                                                          | 433 |
| "  " Inspections made to Dance Halls, Cinemas and<br>other places of Entertainment ..... | 67  |
| "  " Enquiries re Infectious Diseases .....                                              | 56  |
| "  " Re overcrowding and Rent Appeals .....                                              | 56  |
| "  " Visits re Water Supply .....                                                        | 111 |
| "  " Special Housing Inspections .....                                                   | 468 |
| "  " Houses let-in-lodgings .....                                                        | 155 |
| "  " Visits re keeping of animals, stables, piggeries                                    | 157 |
| "  " Inspections re Rats and Mice .....                                                  | 256 |
| "  " Visits to Camping Sites, Caravans, etc. ....                                        | 231 |

### Sanitary Defects

|                                                                |     |
|----------------------------------------------------------------|-----|
| No. of Stopped Drains .....                                    | 177 |
| "  " Defective Drains .....                                    | 49  |
| "  " Defective or Stopped Septic Tanks or Cess-<br>pools ..... | 16  |
| "  " Defective W.C. Cisterns and Fittings .....                | 21  |
| "  " Dirty conditions of houses, outhouses and yards           | 14  |

|                                                                     |    |
|---------------------------------------------------------------------|----|
| No. of Defective or new Inspection Chambers .....                   | 20 |
| „ „ Defective Sink and Waste Pipes .....                            | 13 |
| „ „ Burst Water Pipes .....                                         | 25 |
| „ „ Defective Roofs—Houses and Outbuildings ...                     | 12 |
| „ „ Defective Floors and Doors in Rooms .....                       | 3  |
| „ „ Defective Paving of Yards and Outhouses ...                     | 3  |
| „ „ Defective Eaves and Downspouting .....                          | 24 |
| „ „ Miscellaneous Nuisances (outside) .....                         | 26 |
| „ „ Miscellaneous Nuisances (inside)) .....                         | 15 |
| „ „ Accumulations—manure and other refuse ...                       | 24 |
| „ „ Dilapidated Ashbins .....                                       | 8  |
| „ „ Defective Plastering of Walls and Ceilings ...                  | 19 |
| „ „ Damp conditions in Houses .....                                 | 15 |
| „ „ Insufficient or unsatisfactory Washing accom-<br>modation ..... | 1  |
| „ „ New Pedestals W.C. ....                                         | 11 |
| „ „ Choked Road Ditches .....                                       | 19 |
| „ „ Defective Grates .....                                          | 1  |
| „ „ Defective Window Frames, etc. ....                              | 6  |
| „ „ Defective chimneys .....                                        | 3  |
| „ „ Drains reconstructed .....                                      | 76 |
| „ „ Sinks discharging to surface water drain .....                  | 2  |
| „ „ Unsatisfactory Keeping of Animals .....                         | 3  |
| „ „ House-let-in-lodging byelaws contraventions ..                  | 6  |
| <i>Nuisances from Premises other than Dwellings :</i>               |    |
| Garages and Miscellaneous .....                                     | 4  |
| Shops .....                                                         | 13 |
| Offices .....                                                       | 2  |
| Cinemas, etc. ....                                                  | 2  |
| Schools .....                                                       | 3  |
| Farms .....                                                         | 0  |
| Club Rooms .....                                                    | 2  |
| Churches .....                                                      | 1  |
| Market .....                                                        | 0  |

### Water Supplies

No. of Water Samples :—

|                                                                                  | Bact. | Chem. | Sat. | Unsat. |
|----------------------------------------------------------------------------------|-------|-------|------|--------|
| Town Mains .....                                                                 | 32    | 1     | 33   | —      |
| Wells and Streams .....                                                          | 4     | —     | 2    | —      |
| Rhos Swimming Pool .....                                                         | 17    | —     | 17   | —      |
| Houses supplied by Wells/Springs, etc. ....                                      |       |       |      | 25     |
| Houses—no water supply direct to house, <i>i.e.</i><br>standpipes or wells ..... |       |       |      | 178    |

*1954—Survey of Rural Parts of Borough, Dwellings without Mains Supply :*

|                                                |       |
|------------------------------------------------|-------|
| Houses supplied by Wells and springs .....     | 25    |
| Houses supplied by common standpipes .....     | 68    |
| Houses supplied by individual standpipes ..... | 69    |
|                                                | <hr/> |
|                                                | 162   |
|                                                | <hr/> |

## Drainage

*(a) Surface Water Outfall, Drainage and Disinfection.*

Inspections of private properties for sullage water gaining access to surface water drains :—

|                             |   |            |
|-----------------------------|---|------------|
| Llaw Pentre, Old Colwyn     | } | ..... 1061 |
| Beach Road area, Old Colwyn |   |            |
| The Dingle, Colwyn Bay      |   |            |
| Princes Drive, Colwyn Bay   |   |            |
| Abbey Road, Rhos-on-Sea     |   |            |
| Promenade, Rhos-on-Sea      |   |            |
| Tan Lan, Old Colwyn         |   |            |

|                                                               |     |
|---------------------------------------------------------------|-----|
| Choked drains found and reported by Department Operator ..... | 116 |
| Choked drains cleared by Department Operator ...              | 50  |
| Defective drains reported by Department Operator ...          | 26  |
| Drains Tests (a) Colour .....                                 | 89  |
| (b) Smoke Tests .....                                         | 26  |
| (c) Hydraulic—New drains .....                                | 19  |
| Choked or defective Septic Tanks or Cesspools inspected ..... | 19  |
| Burst water services reported .....                           | 13  |
| Choked road gullies reported .....                            | 15  |

*(b) Disinfection.*

|                                               |     |
|-----------------------------------------------|-----|
| Dwellings disinfected : No. of rooms .....    | 35  |
| Infected Articles to Isolation Hospital ..... | 272 |
| Infected Articles destroyed .....             | 22  |

*(c) Disinfestation.*

|                                                    |     |
|----------------------------------------------------|-----|
| Dwellings disinfested : No. of rooms .....         | 102 |
| Business premises disinfested : No. of rooms ..... | 40  |

## Rodent Control

The problem of controlling the rat menace is regarded very seriously. In an attempt to do this all premises within the Borough known to be used for the keeping of animals are visited at regular intervals and baiting and poisoning carried out whenever necessary. We are very pleased with the continually increasing co-operation which we receive, particularly from the farmers.

The reluctance against wiring round ricks during threshing operations appears to be decreasing and one feels that the local branch of the National Farmers' Union has been very helpful in this respect.

All public sewers are regularly check-baited and treated as necessary. Infestation of private properties are thus kept to a minimum and complaints from private individuals are now comparatively rare.

Regular inspections and treatments are carried out along the banks of the streams at Llaw Pentre, the Dingle, Ty'n Terfyn and the Afon Ganol.

Two members of the staff attended a Ministry of Food Rodent Control Course at Bangor.

The complete area of the Bron-y-Nant tip and salvage depot were kept under continual supervision and full scale treatment was carried out four times during the year.

|                                                     |    |
|-----------------------------------------------------|----|
| <i>Farms</i> .....                                  | 82 |
| Visited .....                                       | 75 |
| Treated by Owner .....                              | 2  |
| Treated by Local Authority .....                    | 23 |
| Re-visits by Local Authority (re-infestation) ..... | 8  |
| Notices (informal) served re disinfestation .....   | 3  |
| Notices complied with .....                         | 3  |

|                                                   |         |
|---------------------------------------------------|---------|
| <i>Stables</i> .....                              | 8       |
| Visited .....                                     | 8       |
| Treated by L.A. ....                              | 2       |
| Re-visits by L.A. ....                            | 4       |
| Notices served re disinfestation .....            | —       |
| Notices served re structures .....                | —       |
| Notices complied with .....                       | —       |
| <br><i>Piggeries</i> .....                        | <br>60  |
| Visited .....                                     | 60      |
| Treated by L.A. ....                              | 5       |
| Revisits by L.A. ....                             | 9       |
| Notices served (informal) re disinfestation ..... | 6       |
| Notices re structure .....                        | —       |
| Notices re discontinuance .....                   | —       |
| Notices (complied with) .....                     | 6       |
| Notices re conditions .....                       | —       |
| <br><i>Poultry Keepers</i> .....                  | <br>455 |
| Visited .....                                     | 455     |
| Treated by L.A. ....                              | 32      |
| Notices served re disinfestation (informal) ..... | 14      |
| Notices re structures .....                       | 7       |
| Re-infestation treated by L.A. ....               | 26      |

Continued efforts by the Department have been so successful that no serious infestation of sewers, drains, tip or other premises occurred.

*Rodent Disinfestation :*

|                                                               |      |
|---------------------------------------------------------------|------|
| Number of main sewer manholes test baited ...                 | 812  |
| Number of main sewer manholes poison treatment required ..... | 133  |
| Inspections of Sewer Manholes .....                           | 1890 |

*Corporation Estates :*

| Manholes and Inspection Chambers | Test Baited | Poison Treatment Required |
|----------------------------------|-------------|---------------------------|
| Eirias Park                      | .. 794      | 91                        |
| Berth-y-Glyd, Llysfaen           |             |                           |
| Tan Lan, Old Colwyn              |             |                           |
| Rhos-on-Sea                      |             |                           |
| New Estate, Mochdre              |             |                           |
| Station Road, Mochdre            |             |                           |
| Maes-y-Coed                      |             |                           |
| Glyn                             |             |                           |

*No. of properties visited.*

|                                                    | Inspections | Treatment |      |
|----------------------------------------------------|-------------|-----------|------|
|                                                    |             | Rats      | Mice |
| Business premises .....                            | 122         | 26        | 57   |
| Private dwellings .....                            | 74          | 18        | 40   |
| Council dwellings .....                            | 43          | 17        | 1    |
| Agricultural properties .....                      | 328         | 32        | 2    |
| No. of treatments carried out Bron-y-Nant Tip area |             |           | 3    |
| No. of treatments carried out Penmaenhead Tip ...  |             |           | 0    |

**Prevention of Damage by Pests Act, 1949.**  
**Report to the Ministry for 12 months ended 31st March, 1955.**

|                                                                                                                                                                                                                                                                                            | Type of Property         |                                                 |                                                   |                                      |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------|---------------------------------------------------|--------------------------------------|---------------------|
|                                                                                                                                                                                                                                                                                            | Local Authority<br>(1)   | Dwelling Houses<br>(Inc. Council Houses)<br>(2) | All other<br>(including business premises)<br>(3) | Total of<br>Cols.<br>1, 2 & 3<br>(4) | Agricultural<br>(5) |
| (i) Total number of properties in Local Authority's District (Notes 1 and 2) ...                                                                                                                                                                                                           | 19                       | 7292                                            | 958                                               | 8269                                 | 96                  |
| (ii) Number of properties inspected by the Local Authority during the 12 months ended 31st March, 1955, as a result of (a) notification, (b) survey under the Prevention of Damage by Pests Act, 1949, (c) otherwise e.g. when visited primarily for some other purpose (Notes 1, 2 and 3) | (a) —<br>(b) 10<br>(c) — | 117<br>196<br>1836                              | 96<br>58<br>2041                                  | 213<br>238<br>3877                   | 15<br>70<br>—       |
| (iii) Total Inspections carried on and including Re-inspections ... ..                                                                                                                                                                                                                     | 10                       | 2149                                            | 2195                                              | 4328                                 | 85                  |
| (iv) Number of properties inspected (See Section II) which were found to be infested by (a) Rats ... ..                                                                                                                                                                                    | Major —<br>Minor 6       | —<br>97                                         | —<br>44                                           | —<br>147                             | —<br>31             |
| (b) Mice ... ..                                                                                                                                                                                                                                                                            | Major —<br>Minor —       | —<br>42                                         | 2<br>50                                           | 2<br>92                              | 1<br>1              |

**Prevention of Damage by Pests Act, 1949.**  
**Report to the Ministry for 12 months ended 31st March, 1955.**

(Continued)

|                                                                                                                                 | Type of Property          |                                                 |                                                   |                                |                           |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------|---------------------------------------------------|--------------------------------|---------------------------|
|                                                                                                                                 | Local Authority<br>(1)    | Dwelling Houses<br>(Inc. Council Houses)<br>(2) | All other<br>(including business premises)<br>(3) | Total<br>Cols. 1, 2 & 3<br>(4) | Agricultural<br>(5)       |
| (v) Number of infested properties (in Section iv) treated by L.A. ... ..                                                        | 1                         | 139                                             | 80                                                | 220                            | 25                        |
| (vi) Total treatments carried out including re-treatments ... ..                                                                | 6                         | 139                                             | 86                                                | 231                            | 28                        |
| (vii) Number of notices served under Section 4:<br>(1) Treatment ... ..                                                         | —                         | —                                               | —                                                 | —                              | —                         |
| (2) Structural Works (i.e. Proofing) ...                                                                                        | —                         | 9                                               | —                                                 | 9                              | —                         |
| (viii) Number of cases in which default action was taken by the Local Authority following the issue of a notice under Section 4 | —                         | —                                               | —                                                 | —                              | —                         |
| (ix) Legal Proceedings (see overleaf) ...                                                                                       | —                         | —                                               | —                                                 | —                              | —                         |
| (x) Number of "blocks" control schemes carried out ... ..                                                                       | 26<br>(Business Premises) | —                                               | —                                                 | 29                             | 3<br>(Private Properties) |

# Factories Acts, 1937 and 1948.

| Premises<br>(1)                                                                                                    | M/c<br>line<br>No.<br>(2) | No. on<br>Register<br>(3) | Number of          |                           |                                | M/c<br>line<br>No.<br>(7) |
|--------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|--------------------|---------------------------|--------------------------------|---------------------------|
|                                                                                                                    |                           |                           | Inspections<br>(4) | Written<br>Notices<br>(5) | Occupiers<br>prosecuted<br>(6) |                           |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities                           | 1                         | 183                       | 24                 | 2                         |                                | 1                         |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authorities ... ..                  | 2                         | 34                        | 150                | 3                         |                                | 2                         |
| (ii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... .. | 3                         |                           |                    |                           |                                | 3                         |
| Total ... ..                                                                                                       |                           | 217                       | 174                | 5                         |                                |                           |

## 2.—Cases in which defects were found.

| Particulars<br>(1)                                                                 | M/c<br>line<br>No.<br>(2) | Number of cases in which defects were found |                 |                                         | Number of cases in which Prosecutions were instituted (7) | M/c<br>line<br>No.<br>(2) |
|------------------------------------------------------------------------------------|---------------------------|---------------------------------------------|-----------------|-----------------------------------------|-----------------------------------------------------------|---------------------------|
|                                                                                    |                           | Found<br>(3)                                | Rem'died<br>(4) | Referred<br>to H.M.<br>Inspector<br>(5) |                                                           |                           |
| Want of cleanliness (S.1.) ... ..                                                  | 4                         |                                             |                 |                                         |                                                           | 4                         |
| Overcrowding (S.2.) ... ..                                                         | 5                         |                                             |                 |                                         |                                                           | 5                         |
| Unreasonable temperature (S.3.) ... ..                                             | 6                         |                                             |                 |                                         |                                                           | 6                         |
| Inadequate ventilation (S.4.) ... ..                                               | 7                         |                                             |                 |                                         |                                                           | 7                         |
| Ineffective drainage of floors (S.6)                                               | 8                         |                                             |                 |                                         |                                                           | 8                         |
| Sanitary Conveniences (S.7) ... ..                                                 | 9                         |                                             |                 |                                         |                                                           | 9                         |
| (a) Insufficient ... ..                                                            | 10                        | 1                                           | 1               |                                         |                                                           | 10                        |
| (b) Unsuitable or defective ... ..                                                 | 11                        | 3                                           | 3               |                                         |                                                           | 11                        |
| (c) Not separate for sexes ... ..                                                  |                           |                                             |                 |                                         |                                                           |                           |
| Other offences against the Act (not including offences relating to Outwork) ... .. | 12                        | 1                                           | 1               |                                         |                                                           | 12                        |
| Total ... ..                                                                       | 60                        | 5                                           | 5               |                                         | Nil                                                       | 60                        |

## Factories Acts 1937 and 1948

Regular inspections have been carried out during the year, drawing attention to defects and unsatisfactory conditions. Informal notices are readily complied with.

### *Registered Factories :*

Important classes of Factories, such as Workshops, Bake-houses, etc., may be enumerated here.

The number of Factories on the Register at the end of the year was as follows :—

|                                                  |    |
|--------------------------------------------------|----|
| Bakers and Confectioners .....                   | 22 |
| Dressmakers, Milliners, Tailors, etc. ....       | 15 |
| Bootmakers and Repairers .....                   | 17 |
| Laundries .....                                  | 8  |
| Joiners and Cabinet Makers, etc. ....            | 22 |
| Bottling Stores and Aerated Water Makers .....   | 3  |
| Cycle and Motor Workshops .....                  | 29 |
| Printing Works .....                             | 5  |
| Reupholsterers .....                             | 17 |
| Miscellaneous .....                              | 33 |
| Diamond Cutting, etc. ....                       | 1  |
| Monumental Masons .....                          | 3  |
| Quarries .....                                   | 4  |
| Radio Repairs nad Battery Charging .....         | 7  |
| Engineers (Welding, Precision and Plating) ..... | 22 |
| Watch Repairs .....                              | 8  |

## Food Inspection

|                                         |     |
|-----------------------------------------|-----|
| No. of visits to Abattoir .....         | 646 |
| No. of visits to Butchers' shops .....  | 232 |
| No. of visits to Fried Fish shops ..... | 161 |
| No. of visits to Fish shops .....       | 56  |

All meat is inspected at the Abattoir. Traders immediately contact the department in the event of being uncertain of the condition of any foodstuff. Co-operation could not be more satisfactory.

|                                                                    |       |
|--------------------------------------------------------------------|-------|
| No. of carcasses of Beef inspected at Abattoir .....               | 828   |
| No. of carcasses of Sheep and Lambs inspected at<br>Abattoir ..... | 23023 |
| No. of carcasses of Pigs inspected at Abattoir .....               | 1666  |
| No. of carcasses of Sows inspected at Abattoir .....               | 30    |
| No. of carcasses of Calves inspected at Abattoir .....             | 222   |

Also a large quantity of meat, fish and other foodstuffs was inspected (see unsound food from shops).

*Registered Premises (Sec. 14 Food and Drugs Act, 1938).*

|                                               |     |
|-----------------------------------------------|-----|
| Premises                                      | No. |
| 1. Cooked meats manufacturer .....            | 3   |
| 2. Sausage manufacturer—Butchers' shops ..... | 22  |
| 3. <i>Ice Cream :</i>                         |     |
| (a) Manufacture .....                         | 6   |
| (2 not at present manufacturing).             |     |
| (b) Sale and/or storage .....                 | 103 |

*Food Premises :*

---

|                                                     | No. | No. of Visits | Notices re<br>unsatisfactory<br>factory<br>conditions |
|-----------------------------------------------------|-----|---------------|-------------------------------------------------------|
| Bakehouses .....                                    | 22  | 238           | 36                                                    |
| Food preparing premises ...                         | 3   | 60            | 2                                                     |
| Fried Fish Shops .....                              | 12  | 161           | 5                                                     |
| Butchers' Shops .....                               | 35  | 232           | 22                                                    |
| General Food premises .....                         | —   | 297           | 12                                                    |
| Ice-cream premises .....                            | 109 | 283           | 4                                                     |
| Restaurants, Cafes, etc. ....                       | 51  | 202           | 33                                                    |
| Dairies, Milk Distributors ...                      | 36  | 255           | 11                                                    |
| Canteens, Nursing Homes,<br>Hospital Kitchens ..... | 15  | 43            | 4                                                     |
| Licensed premises .....                             | 29  | 94            | 6                                                     |
| Wet Fish Shops .....                                | 13  | 50            | 1                                                     |
| Sweets/Confection Manuf. ..                         | 1   | 20            | 1                                                     |

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Informal notices regarding unsatisfactory conditions have been, without exception, attended to without delay, to the satisfaction of the inspectorate.

## Milk Supplies

All milk coming into the Borough is regularly sampled and the results are sent to the producers, together with such advice as is deemed necessary. The Officials of our local Pasteurising plants inform me that they are having to reject a considerable amount of milk on the arrival platform particularly the T.T. standard milks, because of poor keeping quality. Insufficient cooling facilities are often blamed but the general standard of hygiene during milk production on the farms appears to be lower than a few years ago and one feels that much more supervision is required.

The return of milk bottles to the Dairies in a very unsatisfactory condition continues to be a serious problem and one to which we appear to find no satisfactory answer.

It is a constant source of complaint by the dairymen.

Housewives are not the only culprits in this respect. The condition of bottles returned by certain schools is, at times, revolting and one feels that the Education Authorities should take more interest in teaching youngsters that milk bottles should be rinsed clean immediately after use, so that they return to the Dairy in reasonable condition for further cleansing and sterilization.

### *Examinations :*

|                                      | Satis-<br>factory | Unsatis-<br>factory | Total |
|--------------------------------------|-------------------|---------------------|-------|
| Ungraded for pasteurisation .....    | 220               | 39                  | 259   |
| Tuberculin Tested for pasteurisation | 73                | 3                   | 76    |
| Tuberculin Tested (pasteurised) .... | 7                 | —                   | 7     |
| Pasteurised .....                    | 9                 | —                   | 9     |
| Tuberculin Tested .....              | 7                 | —                   | 7     |

### *No. of farms producing milk within the Borough :*

|                                                   |           |
|---------------------------------------------------|-----------|
| Tuberculin Tested—Dairy bottled .....             | 2         |
| Tuberculin Tested—Farm bottled .....              | 5         |
| Tuberculin Tested—for pasteurisation .....        | 10        |
| Ungraded milk for pasteurisation .....            | 34        |
| Ungraded milk going out of the Borough .....      | Not known |
| No. of pasteurising plant .....                   | 2         |
| No. of premises from which milk is retailed ..... | 36        |
| No. of producers-Retailers (T.T. Milk only) ..... | 3         |

*No. of outside farms producing milk for pasteurisation in the Borough :*

|                         |     |
|-------------------------|-----|
| Tuberculin Tested ..... | 52  |
| Ungraded milk .....     | 120 |
| Bulk suppliers .....    | 3   |

*Retailers licensed for sale of graded milk :*

|                                                       |    |
|-------------------------------------------------------|----|
| Tuberculin Tested—Farm bottled .....                  | 15 |
| Tuberculin Tested .....                               | 2  |
| Pasteurised .....                                     | 36 |
| Pasteurised T.T. ....                                 | 27 |
| Sterilized .....                                      | 15 |
| Producer-Retailers licensed—T.T. Farm Bottled .....   | 3  |
| Supplementary Licensed for retail sale of graded milk | 1  |

### Ice Cream, etc.

The bulk of the retailers in the Borough now deal only in pre-packed ice-cream and the number of manufacturers has fallen to 4, all of whom prepare a complete cold-mix proprietary brand ice-cream.

Samples submitted for bacteriological examination :—

*Examination at the Public Health Laboratory, Conway :*

|                   | Provisional Grades |    |   |   |
|-------------------|--------------------|----|---|---|
|                   | 1                  | 2  | 3 | 4 |
| 200 samples ..... | 167                | 30 | 1 | 2 |

Twelve samples of Lolly Ices were also submitted for bacteriological examination and all found to be satisfactory. Results of samples are sent to Retailers and Producers; any unsatisfactory samples are immediately investigated and suggested improvements are readily carried out.

This grading is “provisional” and is not a Statutory Grading. Notwithstanding this fact, ice-cream dealers are co-operating willingly to ensure that the public receive a commodity of a high bacterial standard. This standard has risen considerably this year, only 3 poor samples.

## Orange Juice

Orange juice manufacturing by a Dairy—cleansing, peeling, extracting, processing, freezing and bottling plant—in operation early part of summer.

10 samples submitted to Conway Public Health Laboratory—results : all sterile.

## Liquid Egg Sampling

At the request of the Public Health Laboratory, Conway, 14 samples of liquid egg were sent to them for sampling. All proved to have no salmonella present.

## Physiological examination of soil

At the request of the County Medical Officer of Health, the Public Health Committee agreed to this department co-operating in Cancer Research work by taking samples of soil, etc.

Number of samples taken ..... 20

## Caravans Sites

Eight permanent caravan sites are licensed and the conditions approved by the Council attached to these licenses have, in the main, been readily accepted by site owners.

The sites have been well maintained and we have had good co-operation from the site owners except with regard to the moving of caravans to Winter quarters and, in two cases, owners permitted occupiers to remain in habitation during the prohibited winter months.

The site owners have been warned that the Committee expect the agreed conditions to be adhered to.

There have been quite a number of organised camps—*i.e.* Boys' Brigade, Scouts, etc.—all of which have been very well run and maintained.

Lack of mains water supply meant that all drinking water had to be boiled by campers in the Nant-y-Glyn area.

No. of visits to Camps, etc. .... 231

## **Smoke Abatement**

There have been no prosecutions for smoke abatement. Visits have been necessary to a number of complaints re smoke nuisances in the district, but managements have been very co-operative and in each instance no efforts have been spared to avoid further trouble. In most cases, the major trouble would appear to have been the nature of the coal fuel used and unfortunately very little can be done about this during the present national shortage of good sifted fuel.

## **Swimming Pool, Rhos-on-Sea**

17 samples of water from the pool were submitted for bacteriological examination and in each case the report was highly satisfactory.

Spot tests for residual chlorine are made by the Pool Manager at regular intervals every day and great credit must be given to him and his staff for the admirable condition in which the pool, dressing rooms, etc., are maintained at all times.

The sea water is subjected to constant treatment—filtration, chlorination and aeration. The pool floor is also scrubbed and vacuumed daily.

As usual, one hears repeatedly from visitors of their surprise to find a town of the size of Colwyn Bay without a Municipally owned pool and also that we have no indoor heated swimming pool. Such an amenity would be undoubtedly appreciated by residents and visitors and ought to be considered as a very necessary facility in a holiday resort.

## **Public Places of Entertainment**

All places of entertainment requiring Singing, Music and Dancing Licences, have been inspected at least once during the year and the requisite certificates that the premises were satisfactory were sent to the Licensing Magistrates.

Sixty-seven visits were made inspecting fire fighting appliances, exits, general cleanliness, conveniences, etc. Any required work has always been carried out promptly on receipt of verbal notice.

## Rag Flock and Other Filling Materials Act, 1951

No premises were found which required to be registered or licensed under this Act.

## Shops Act, 1950

Regular inspections are made under the above Act and any work required has been promptly carried out and has not required Statutory action.

## Pet Animals Act, 1951

Persons licensed under this Act ..... 2

Premises are regularly inspected and conditions are invariably found satisfactory. Conditions restricting number of animals to be kept are imposed in each case.

## Housing Statistics

### 1. *Inspection of Dwelling Houses during the year :*

|         |                                                                                                                                                               |     |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| (1) (a) | Total number of dwelling houses inspected for housing defects (under Public Health and Housing Act) .....                                                     | 456 |
| (b)     | Number of inspections made for the purpose                                                                                                                    | 550 |
| (2) (a) | Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 .....        | —   |
| (b)     | Number of inspections made for the purpose                                                                                                                    | —   |
| (3)     | Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .....                                | 2   |
| (4)     | Number of dwelling houses (exclusive of those referred to under preceding sub-head) found not to be in all respects reasonably fit for human habitation ..... | 287 |

2. *Remedy of Defects during the year without Service of Formal Notice :*

|                                                                                                                                   |     |
|-----------------------------------------------------------------------------------------------------------------------------------|-----|
| Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers ..... | 278 |
|-----------------------------------------------------------------------------------------------------------------------------------|-----|

3. *Action under Statutory Powers during the Year :*

(a) Proceedings under Section 9, 10 and 16 of the Housing Act, 1936 :—

|                                                                                               |   |
|-----------------------------------------------------------------------------------------------|---|
| (1) Number of dwelling houses in respect of which notices were served requiring repairs ..... | — |
| (2) Number of dwelling houses which were rendered fit after service of formal notice ...      | — |
| (a) By owners .....                                                                           | — |
| (b) By Local Authority in default of owners                                                   | — |

(b) Proceedings under Public Health Acts :—

|                                                                                                              |   |
|--------------------------------------------------------------------------------------------------------------|---|
| (1) Number of dwelling houses in respect of which Notices were served requiring defects to be remedied ..... | 7 |
| (2) Number of dwelling houses in which defects were remedied after service of formal notice :                |   |
| (a) By owners .....                                                                                          | 3 |
| (b) By Local Authority in default of owners ...                                                              | — |

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 :—

|                                                                                     |   |
|-------------------------------------------------------------------------------------|---|
| (1) Number of dwelling houses in respect of which Demolition Orders were made ..... | 2 |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders .....    | — |
| (3) Houses scheduled, scheme for upgrading accepted .....                           | 1 |

## (d) Proceedings under Section 12 of the Housing Act, 1936 :—

|                                                                                                                                                              |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made .....                                                     | 1   |
| (2) Complied with .....                                                                                                                                      | 1   |
| (3) Number of separate tenement or underground rooms in respect of which Closing Orders were determined the tenement or rooms having been rendered fit ..... | —   |
| Number of houses built by private enterprise                                                                                                                 | 54  |
| Number of houses built by Borough Council                                                                                                                    | 122 |
| Number of flats built by Borough Council ...                                                                                                                 | —   |

**Housing Act, 1935—Overcrowding**

|                                                                                                                                                                       |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| (a) (1) Number of dwellings overcrowded at the end of the year .....                                                                                                  | * |
| (2) Number of families dwelling therein .....                                                                                                                         | * |
| (3) Number of persons dwelling therein .....                                                                                                                          | * |
| (b) Number of cases of overcrowding reported during the year .....                                                                                                    | * |
| (c) (1) Number of cases of overcrowding relieved during the year by Local Authority .....                                                                             | — |
| (2) Number of persons concerned in such cases ...                                                                                                                     | — |
| (d) Particulars of any case in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ..... | — |
| (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report .....                  | * |

\* See report on overcrowding.

*Work carried out during 1954.*

|                                                                                   |      |
|-----------------------------------------------------------------------------------|------|
| No. of houses inspected for housing defects .....                                 | 456  |
| „ „ Houses found not in all respects reasonably fit<br>for human habitation ..... | 287  |
| „ „ Defective Houses rendered fit in consequence<br>of informal action .....      | 278  |
| „ „ Defective Houses rendered fit in consequence<br>of formal action .....        | 3    |
| „ „ Houses recommended for demolition .....                                       | 2    |
| „ „ Houses re-inspected, including the supervision<br>of repairs .....            | 1035 |
| „ „ Informal Notices served (General) .....                                       | 550  |
| „ „ Formal Notices served .....                                                   | 7    |
| „ „ Formal Notices outstanding .....                                              | 7    |
| „ „ Notices outstanding end of 1954 .....                                         | 15   |

*Overcrowding.*

Under the new system of pointing which was adopted in 1949, the position with regard to overcrowding in the Borough is being brought up to date and our cases are gradually being dealt with in order of severity.

Points are awarded as follows :—

1. Unsuitability of accommodation ..... up to 10 points  
Where two families share kitchen ..... up to 5 points
2. Health grounds (awarded by the Medical  
Officer of Health on conditions which  
require special consideration) ..... up to 10 points
3. Overcrowding (each unit overcrowded  
= 2 points) ..... up to 5 points

Overcrowding is considered under two headings but we award points under (a).

- (a) Local standard—bedrooms (area and separation of Sexes) only taken into account.
- (b) Statutory overcrowding—bedrooms and living rooms taken into account according to Housing Act, 1936 standards.

Overcrowded cases are reported to the Public Health Committee, who, after considering each case on its merits, may recommend it to the Housing Committee for their special consideration.

468 inspections and re-inspections were made regarding applications for Corporation houses.

|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Total No. of families re-housed (April, 1954-March, 1955) ..... | 112 |
| Overcrowding relieved—Colwyn Bay standard .....                 | 49  |
| Overcrowding P.H. Act, 1936, Statutory standard ...             | 6   |
| No. of families re-housed not in overcrowded conditions         | 57  |

### Analysis of Housing Application Points

|               |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|---------------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| No. of Points | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---------------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|

|               |   |   |   |   |   |   |    |    |    |   |    |   |   |   |   |   |
|---------------|---|---|---|---|---|---|----|----|----|---|----|---|---|---|---|---|
| No. of Houses | 2 | 2 | 7 | 8 | 5 | 5 | 17 | 11 | 13 | 7 | 11 | 9 | 6 | 4 | 1 | 3 |
|---------------|---|---|---|---|---|---|----|----|----|---|----|---|---|---|---|---|

#### *No. of people involved in the re-housing :*

|                             |     |
|-----------------------------|-----|
| Adults—Male .....           | 127 |
| Adults—Female .....         | 130 |
| Children—Male .....         | 50  |
| Children—Female .....       | 46  |
| Children under 1 year ..... | 9   |
| Total No. of people .....   | 362 |
| Total No. of Units .....    | 305 |

#### *Housing :*

|                                          |     |
|------------------------------------------|-----|
| Houses built by private enterprise ..... | 54  |
| Houses built by local authority .....    | 122 |

## Public Abattoir

On July 1st the Public Abattoir reverted to full control by the Local Authority after having been controlled by the Ministry of Food since the inception of meat rationing.

After de-control, only a disappointingly few local butchers availed themselves of the facilities at the Abattoir—the remainder either slaughtered outside the Borough or bought off the “hook.”

Certain butchers living and trading outside the Borough also use the Abattoir.

In September the Committee agreed to the Mersey Meat Packing Company commencing business and utilising the Abattoir and office lately occupied by the W.M.S.A. This firm closed down at the end of November having slaughtered some 12,570 sheep and lambs at a toll of £604. A very useful increase in our income.

In November we were approached by the Fatstock Marketing Corporation who intimated that they were interested in opening a dead meat centre in our Abattoir. They are now operating on a ten-year lease as sole wholesalers and will undoubtedly prove to be a great asset to us.

During the tenancy of the Mersey Meat Packing Company, quite a number of minor improvements to the slaughterhouses and lairages were carried out which greatly improved the speed of through-put.

It is very evident, however, that we have insufficient covered lairage and this, together with the desirability of having refrigerated store rooms, will have to be seriously considered by the Committee in the very near future.

Owing to the abnormally wet June and July, the hay crop from the pasture fields was not a success. It is interesting to note that this is the first year that we have had bad weather during our haymaking since 1940.

We have approximately 7 acres of pasture available but during September and October when we had at times over 1,200 lambs to lairage over the weekend, there were occasions when our resources were sorely strained.

During the winter we were able to accommodate the Rugby Club and a Youths Football Club with pitches by penning all animals in wired paddocks during the time games were in progress.

Fat Stock Guarantee scheme—the Local Authority agreed to the request of the Ministry of Food that the Meat Inspector take over this duty and provide the required certificate when necessary.

*Cysticercus Bovis :*

In accordance with the Circular of the Ministry of Food, 1948, routine inspection has been made of all cattle killed at the Abattoir for this parasite—no case has been found this year.

We have no meat stalls or meat market in the town and all shops in which food is prepared, sold or stored, have been inspected regularly and, as usual, the high standard of cleanliness which we expect is being maintained.

Number of Animals slaughtered at the Public Abattoir during 1954 :—

*No. of Animals slaughtered by local Butchers :*

| Cattle | Calves | Sheep and<br>Lambs | Pigs | Revenue   |
|--------|--------|--------------------|------|-----------|
| 308    | 117    | 6171               | 418  | £543/19/0 |

*No. of Animals slaughtered by North Wales Packers :*

| Sheep and Lambs | Lairage | Revenue   |
|-----------------|---------|-----------|
| 12570           | 4760    | £604/8/11 |

*No. of Animals slaughtered at Abattoir—Min. of Food. :*

| Cattle | Calves | Sheep and<br>Lambs | Pigs | Revenue  |
|--------|--------|--------------------|------|----------|
| 520    | 105    | 4382               | 1278 | £202/0/0 |

*Imported Meat handled at the Abattoir during 1954 :*

| Quarters of Beef            | Sheep and |       | Bags, Crops, Ponies,       | Revenue  |
|-----------------------------|-----------|-------|----------------------------|----------|
| Hinds and<br>Boneless Fores | Pigs      | Lambs | Ribs and<br>Cases of Offal |          |
| 1125                        | 494       | 10269 | 1420                       | £124/1/5 |

*Carcases Inspected and Condemned.*

|                     | Cattle ex.<br>Cows | Cows | Calves | Sheep and<br>Lambs | Sows | Pigs |
|---------------------|--------------------|------|--------|--------------------|------|------|
| No. killed .....    | 753                | 75   | 222    | 23023              | 30   | 1666 |
| No. inspected ..... | 753                | 75   | 222    | 23023              | 30   | 1666 |

*All diseases except T.B.*

|                                                                                      |     |      |     |     |     |     |
|--------------------------------------------------------------------------------------|-----|------|-----|-----|-----|-----|
| Whole carcasses condemned .....                                                      | 0   | 4    | 3   | 48  | 0   | 1   |
| Carcases of which some part or organ was condemned ...                               | 41  | 19   | 3   | 240 | 2   | 52  |
| Percentage of the No. inspected affected with diseases other than Tuberculosis ..... | 5.4 | 30.7 | 2.7 | 1.2 | 6.6 | 3.2 |

*Tuberculosis only—*

|                                                                  |     |      |   |   |      |    |
|------------------------------------------------------------------|-----|------|---|---|------|----|
| Whole carcass condemned .....                                    | 0   | 3    | 0 | 0 | 0    | 0  |
| Carcases of which some part or organ was condemned ...           | 12  | 8    | 0 | 0 | 5    | 15 |
| Percentage of the No. inspected affected with Tuberculosis ..... | 1.6 | 14.2 | 0 | 0 | 16.6 | .8 |

**Unsound Meat at Abattoir***Beef :*

|                                          |           |
|------------------------------------------|-----------|
| 3 Cows—Gen. T.B. ....                    | 1487 lbs. |
| 4 Cows—Other Diseases .....              | 2068 lbs. |
| 0 Oxen—Gen. T.B. ....                    | Nil       |
| 0 Oxen—Other Diseases .....              | Nil       |
| Part Carcase—L.T.B. ....                 | 118 lbs.  |
| Part Carcase—Other Diseases .....        | 734 lbs.  |
| Lungs, Livers, etc.—L.T.B. ....          | 3279 lbs. |
| Lungs, Livers, etc.—Other Diseases ..... | 6148 lbs. |

*Pork :*

|                                        |          |
|----------------------------------------|----------|
| 1 Pig—Other Diseases .....             | 80 lbs.  |
| 0 Pigs—Gen. T.B. ....                  | Nil      |
| Part Carcase—L.T.B. ....               | 211 lbs. |
| Part Carcases—Other Diseases .....     | 72 lbs.  |
| Plucks and Livers—T.B. ....            | 322 lbs. |
| Plucks and Livers—Other Diseases ..... | 773 lbs. |

*Veal :*

|                                    |         |
|------------------------------------|---------|
| 0 Calves—Gen. T.B. ....            | Nil     |
| 3 Calves—Other Diseases .....      | 82 lbs. |
| Part Carcases—L.T.B. ....          | Nil     |
| Part Carcases—Other Diseases ..... | 18 lbs. |
| Plucks—T.B. ....                   | Nil     |
| Plucks—Other Diseases .....        | 16 lbs. |

*Mutton and Lamb :*

|                                      |           |
|--------------------------------------|-----------|
| 48 Carcases (emaciation, etc.) ..... | 1460 lbs. |
| Part Carcases (bruises, etc.) .....  | 109 lbs.  |
| Heads, Plucks, Livers .....          | 3547 lbs. |

**Unsound Foods from Shops**

|                          |           |
|--------------------------|-----------|
| Tinned Meat .....        | 154 tins  |
| Tinned Fruit .....       | 779 tins  |
| Tinned Fish .....        | 38 tins   |
| Tinned Ham .....         | 28 tins   |
| Tinned Milk .....        | 185 tins  |
| Tinned Soup .....        | 21 tins   |
| Tinned Vegetables .....  | 88 tins   |
| Dried Fruit .....        | 702½ lbs. |
| Pickles and Sauces ..... | 4 jars    |
| Whole Egg .....          | 3 tins    |
| Meat .....               | 442 lbs.  |
| Cheese .....             | 1½ lbs.   |
| Marmalade .....          | 6 jars    |
| Jam .....                | 6 jars    |
| Fresh Fish .....         | 125 lbs.  |
| Sweets .....             | 14 lbs.   |
| Syrup .....              | 13 tins   |
| Nescafe .....            | 1 tin     |
| Poultry .....            | 1 whole   |

|                     |          |
|---------------------|----------|
| Fresh Shrimps ..... | 13 qts.  |
| Rice .....          | 1 lb.    |
| Kit-E-Kat .....     | 6 tins   |
| Dog Food .....      | 1 tin    |
| Fruit Juice .....   | 32 tins  |
| Paste .....         | 2 jars   |
| Cake .....          | 15½ lbs. |

### Refuse Collection and Disposal Statistics

|                            | 1953-54    | 1954-55    |
|----------------------------|------------|------------|
| Salvage Gross Income ..... | £3063      | £3404      |
| Refuse Collection .....    | 11321 tons | 11256 tons |
| Cost per ton .....         | £1/5/6     | £1/7/1     |
| Refuse Disposal .....      | 13083 tons | 13253 tons |
| Cost per ton .....         | 2s. 7d.    | 2s. 6d.    |

*Total cost per ton :*

|                                                             |        |        |
|-------------------------------------------------------------|--------|--------|
| Collection and Disposal ....                                | £1/8/1 | £1/9/7 |
| Number of premises from which<br>refuse was collected ..... | 8039   | 8213   |

*Cost per 1000 premises :*

|                  |            |            |
|------------------|------------|------------|
| Collection ..... | £1775.5    | £1839.52   |
| Disposal .....   | £203.1     | £185.31    |
| Income .....     | £135.7 cr. | £87.05 cr. |

*House and Trade Refuse Collection :*

4833 loads weighing 9913 tons.

48 loads of night soil, unweighed.

1385 loads by private persons not weighed.

|                                           |         |
|-------------------------------------------|---------|
| 1. Total refuse collected (in tons) ..... | 9913    |
| Total refuse disposed (in tons) .....     | 9913    |
| 2. Area (in acres) .....                  | 7124    |
| 3. Number of houses or premises .....     | 8213    |
| 4. Rateable Value .....                   | £239792 |
| 5. Produce of 1d. Rate .....              | £940    |
| 6. Total Rates in £ .....                 | 25/4    |

## Refuse Collection and Disposal

### *Llysfaen Sewerage.*

A Committee again inspected the area and considered very carefully the possibility of proceeding, if at all possible, with the installation of a water carriage sewage system. Several alternative ideas were considered and particularly those which opened up the development of land along the route of the proposed main sewer connecting up with our existing system in the Llanellian road area.

Considerable time must elapse before anything concrete can arise from this investigation. The cost will, of course, be very formidable indeed, but in projects of this nature, a long term policy must be kept in mind and one does hope that something to improve the present unsatisfactory conditions will ensue.

Quite a number of houses have installed septic tank disposal systems but the nature of the area, mainly solid rock, means that these can become a continual source of trouble unless one is fortunate enough to locate a fault in the strata to take the effluent.

There has again been an increase in the number of houses installing chemical closets. A complete change over from dry pails to chemical closets would do much to improve general conditions, particularly with regard to the nuisance from smell, etc., during collection and disposal. Assistance by the Local Authority in this direction should not be unduly expensive and would be of great help until the major water carriage system is installed, if ever.

### *Disposal.*

The tip has been maintained in very satisfactory conditions—the Diesel bulldozer purchased in 1952, is invaluable and undoubtedly more than earns its keep since we have been able to maintain improved conditions with only two men on disposal as compared with four or five men before it was purchased.

By sowing reclaimed land as quickly as possible with Grass seed, the weed problem is kept in hand and grazing by animals keeps the land tidy and helps to improve the surface humus.

Careful attention is given to screening the open face to prevent nuisance from windblown scraps of paper, etc. In the event of high winds, particularly from the north, it is impossible to prevent some paper from escaping but a daily inspection of adjoining land is made and every effort is maintained to clean up as quickly as possible.

The department does not make a separate collection of kitchen waste. We do, however, take a real interest in waste food salvage and are always willing to help farmers, pig breeders, etc., to get into touch with sources of kitchen waste. Almost every cafe, restaurant, hotel and boarding house has its own private collectors.

Although we still have some damage done intermittantly to the salvage plant and tip generally by youths, the police have been most helpful and one appreciates this help very much indeed.

### *Refuse Collection.*

During the post-war years, there has been a gradual increase in the bulk of household refuse. In a town of this nature, the total weight of refuse is not always a true guide as to the amount of material to be dealt with at the tip face. We aim to keep a clean, tidy town and in order to prevent the promiscuous dumping of garden refuse in odd corners, etc., we encourage the collection of such garbage by the men on their normal rounds—reasonable small quantities are collected free of charge weekly. Quantities requiring a special call are charged for.

The continual increase in the number of inhabited houses also adds to our problem. This is particularly so in the case of Corporation Housing schemes. When the lay-out of housing schemes is under consideration, one feels that this department should be brought into the picture and given some opportunity of suggesting and criticising such things

as the provision and siting of accommodation roads, access for refuse collection, etc.

It must be remembered that the expense of refuse collection is continual and considerable monies could be saved if more thought were given to this aspect before actual building is put in hand.

The new Corporation housing estate in the Glyn area is a good example of how the non-provision of accommodation roads increases our collection costs. The area comprising Beal Avenue, Maes-y-Fron, Maes-y-Glyn, Severn Road, Glyn Avenue was carefully timed during collection and the time taken to service a corporation house is appreciably longer than that required to service a private house in the same neighbourhood.

77 Council houses—time required to collect  $2\frac{1}{4}$  hrs.  
1 load — 1 ton 15 cwt.

70 Private houses—time required to collect  $1\frac{3}{4}$  hr.  
1 load — unweighed.

The test was carried out in July. The refuse, though bulky, was light, and each collector had no difficulty in carrying a bin by himself. During the winter months, however, when the weight of household bins increases considerably, the cost of collection will also increase.

Private houses—the average carry was never more than 20 yards to and from the vehicle.

Council houses—the carry was from 20 yards up to 70 yards per house.

The increased amount of business handled by our restaurants, cafe, hotels, boarding houses and all tradesmen handling foodstuffs, means that more frequent calls are essential. Increased storage capacity is not desirable in the interests of hygiene.

In view of the foregoing remarks it is evident that the time is fast approaching when collection throughout the town will have to be reviewed and an extra round created. This will mean an additional lorry, driver and four men.

## Cleansing Services

Statement of Costs for year ending 31st March, 1955. House and Trade Refuse.

|                                                                               | 1. Collection including or excluding Depreciation and Loan Charges. |               | 2. Disposal including or excluding Loan Charges. |                             | Total including or excluding Depreciation and Loan Charges |                             |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------|--------------------------------------------------|-----------------------------|------------------------------------------------------------|-----------------------------|
|                                                                               | Included<br>£                                                       | Excluded<br>£ | Included<br>£                                    | Excluded<br>£               | Included<br>£                                              | Excluded<br>£               |
| <b>Revenue Account</b>                                                        |                                                                     |               |                                                  |                             |                                                            |                             |
| 1. Gross Expenditure: Refuse Collection ...                                   | 15241                                                               | 14917         | 1596                                             | 1274                        | 16837                                                      | 16791                       |
| 2. Gross Expenditure: Salvage .....                                           | 133                                                                 | 133           | 2688<br>75<br>3404                               | 2623<br>75<br>3404          | 2688<br>208<br>3404                                        | 2623<br>19414               |
| 3. Gross Income .....                                                         |                                                                     |               |                                                  |                             |                                                            | 3612                        |
| 4. Gross Income Salvage..                                                     |                                                                     |               |                                                  |                             |                                                            |                             |
| 5. Net Costs .....                                                            | 15108                                                               | 14784         | 805                                              | 418                         | 15913                                                      | 15802                       |
| <b>Unit Costs</b>                                                             |                                                                     |               |                                                  |                             |                                                            |                             |
| 6. Gross Expenditure: Per ton .....                                           | 1 7 1                                                               | 1 6 6         | 2 6<br>5 6 11                                    | 2 0<br>5 4 3                | 1 9 7<br>5 6 11                                            | 1 8 6<br>5 4 3              |
| 7. Gross Income: Per ton .....                                                | 2                                                                   | 2             | 2<br>6 15 4                                      | 2<br>6 15 4                 | 4<br>6 15 4                                                | 4<br>6 15 4                 |
| 8. Net Cost: Per ton .....                                                    | 1 6 11                                                              | 1 6 4         | 2 3<br>1 8 5 cr.                                 | 1 10<br>1 11 1 cr.          | 1 9 3<br>1 8 5 cr.                                         | 1 8 4<br>1 11 1 cr.         |
| Salvage .....                                                                 |                                                                     |               |                                                  |                             |                                                            |                             |
| 9. Net Cost per 1000 pop. (22,090) .....                                      | 683.09                                                              | 669.26        | 68.85<br>32.41 cr.<br>36.44                      | 54.32<br>35.35 cr.<br>18.97 | 751.94<br>32.41<br>719.53                                  | 723.58<br>35.35<br>688.23   |
| 10. Net cost per 1000 houses or premises from which refuse is collected ..... | 1839.52                                                             | 1800.07       | 185.31<br>87.05 cr.<br>98.26                     | 146.11<br>95.09<br>51.02    | 2024.83<br>87.05 cr.<br>1937.78                            | 1946.18<br>95.09<br>1851.09 |

26th July, 1955.

(Signed) WM. A. AUSTWICK, F.S.I.A., *Cleaning Superintendent*

## Salvage

We have again had a substantial increase in the amount of money realised from salvaged paper—£3278, as compared with £3,009 in 1953. During the year a further trailer was purchased at a cost of £94 to help deal with the continually increasing amount of paper collected.

Our incentive scheme remains the same and is of great help in maintaining the interest of the outdoor staff in salvage collection.

New members of the Council will perhaps be interested in the details.

Outdoor staff receive :—

- (a) 10 per cent. of gross salvage income up to first 60 tons per 3 months.
- (b) 20 per cent. of gross salvage income above that tonnage.

Contraries such as razor blades, broken glass and crockery still remain a serious menace to the staff whilst handling salvage during collection and baling and one does wish that the public would be more careful and thoughtful in this respect. We really would appreciate a little more help and consideration from householders when putting out salvage for collection.

Almost all the traders co-operate splendidly in maintaining a clean, safe salvage, special calls are made whenever requested and worthwhile loads are collected free of charge.

## Salvage

April 1st, 1954 to March 31st, 1955.

### *Income :*

|                          | Tons | Cwts. | Qtrs. | lbs. | £     | s. | d. |
|--------------------------|------|-------|-------|------|-------|----|----|
| Paper .....              | 493  | 0     | 0     | 0    | 3278  | 0  | 0  |
| Rags .....               | 3    | 11    | 3     | 12   | 100   | 13 | 9  |
| Sacking, String, etc. .. | 2    | 8     | 3     | 0    | 14    | 6  | 6  |
| Aluminium .....          |      | 1     | 2     | 16   | 5     | 4  | 10 |
| Hair .....               |      |       | 3     | 12   | 2     | 15 | 3  |
| Brass .....              |      |       | 2     | 18   | 1     | 19 | 9  |
|                          | 499  | 5     | 3     | 2    | £3401 | 0  | 1  |

### *Expenditure :*

|                                                         | £                 |
|---------------------------------------------------------|-------------------|
| Wages, Bins, Wire, proportion of haulage expenses, etc. | 1879              |
| Maintenance—Baling shed and machinery .....             | 144               |
| Other expenses .....                                    | 303               |
|                                                         | <hr/> £2326 <hr/> |

Excess of income over expenditure : £1,074.

In conclusion of my report I must again express my appreciation for all the help and the many kindness shown to me by the Chairman of the Public Health Committee (Councillor Ifor Ll. Davies), and by all the members of the Committee; to Dr. Wm. McKendrick, Medical Officer of Health, to Mr. Pattinson, Additional Sanitary Inspector, and to all indoor and outdoor staff.

Yours faithfully,

WM. A. AUSTWICK, F.S.I.A.,

*Senior Sanitary Inspector.*

# Meteorological Observations, 1954

| Month     | Mean Reading of<br>Mercurial Barometer<br>in inches | Dry Bulb Therm. F.<br>(Mean) | Wet Bulb Therm. F.<br>(Mean) | Max. Therm. F.<br>(Mean) | Min. Therm. F.<br>(Mean) | Rainfall in inches<br>Sin. Gauge | No. of Wet Days | Hours of Sunshine by<br>Campbell-Stokes<br>Recorder | No. of Days Sun | Max. Rain in inches<br>during 24 hours, and<br>date |
|-----------|-----------------------------------------------------|------------------------------|------------------------------|--------------------------|--------------------------|----------------------------------|-----------------|-----------------------------------------------------|-----------------|-----------------------------------------------------|
| January   | 30.07                                               | 40.40                        | 38.70                        | 44.60                    | 37.71                    | 2.30                             | 17              | 48.00                                               | 18              | .60 — 25th                                          |
| February  | 29.73                                               | 38.56                        | 37.30                        | 44.21                    | 33.60                    | 2.53                             | 16              | 63.50                                               | 19              | .44 — 7th                                           |
| March     | 29.78                                               | 44.20                        | 41.90                        | 49.90                    | 38.60                    | 2.17                             | 13              | 126.60                                              | 26              | .66 — 25th                                          |
| April     | 30.24                                               | 48.36                        | 44.90                        | 52.90                    | 40.10                    | 1.32                             | 7               | 219.00                                              | 29              | .61 — 30th                                          |
| May       | 29.95                                               | 52.09                        | 49.00                        | 57.50                    | 46.26                    | 3.26                             | 18              | 184.70                                              | 26              | 1.31 — 28th                                         |
| June      | 29.89                                               | 56.22                        | 53.11                        | 61.83                    | 50.40                    | 2.80                             | 15              | 162.70                                              | 26              | .73 — 6th                                           |
| July      | 29.83                                               | 57.65                        | 54.53                        | 62.55                    | 52.70                    | 3.09                             | 23              | 116.40                                              | 29              | .52 — 3rd                                           |
| August    | 29.81                                               | 58.60                        | 55.70                        | 62.93                    | 53.60                    | 2.64                             | 16              | 127.60                                              | 24              | .44 — 17th                                          |
| September | 29.81                                               | 57.14                        | 52.88                        | 61.90                    | 51.00                    | 2.42                             | 25              | 177.80                                              | 30              | .39 — 19th                                          |
| October   | 29.94                                               | 56.00                        | 52.96                        | 60.00                    | 50.00                    | 5.47                             | 23              | 84.50                                               | 25              | 1.46 — 23rd                                         |
| November  | 29.72                                               | 47.23                        | 44.93                        | 52.20                    | 41.77                    | 6.20                             | 20              | 66.90                                               | 20              | 1.41 — 5th                                          |
| December  | 29.80                                               | 46.38                        | 43.80                        | 50.93                    | 42.16                    | 2.36                             | 21              | 36.30                                               | 16              | .33 — 11th                                          |
| Total     | .....                                               |                              |                              |                          |                          | 36.56                            | 214             | 1414.00                                             | 288             |                                                     |
| Mean      | 29.88                                               | 50.23                        | 47.48                        | 55.12                    | 44.82                    |                                  |                 |                                                     |                 |                                                     |

L. HILL, Observer.

(Signed) N. S. JEFFREY, A.M.INST.C.E.,  
Borough Engineer and Surveyor.

Town Hall,  
Colwyn Bay.



